

46. (Original) The recombinant host cell of claim 44, wherein said host cell is a bacterial cell.
47. (Original) The recombinant host cell of claim 46, wherein said host cell is selected from the family Enterobacteriaceae.
48. (Original) The recombinant host cell of claim 47, wherein said host is *Escherichia* or *Klebsiella*.
49. (Original) The recombinant host cell of claim 48, wherein said host cell is selected from the group consisting of *E. coli* B, *E. coli* DH5 α , and *Klebsiella oxytoca*.
50. (Previously Cancelled)
51. (Previously Amended) The recombinant host cell of claim 44, wherein said additional enzyme is selected from the group consisting of glucanase, endoglucanase, exoglucanase, cellobiohydrolase, β -glucosidase, endo-1,4- β -xylanase, α -xylosidase, α -glucuronidase, α -L-arabinofuranosidase, acetylcetate, acetylxyloxyesterase, α -amylase, β -amylase, glucoamylase, pullulanase, β -glucanase, hemicellulase, arabinosidase, mannanase, pectin hydrolase, pectate lyase, or a combination thereof.
52. (Previously Amended) The recombinant host cell of claim 44, wherein said additional enzyme is an ethanologenic enzyme.
53. (Previously Amended) The recombinant host cell of claim 44, wherein said additional enzyme is an ethanologenic enzyme selected from the group consisting of pyruvate decarboxylase and alcohol dehydrogenase.
54. (Previously Cancelled)

55. (Original) The recombinant host cell of claim 44, wherein said first endoglucanase is EGZ and said second endoglucanase is EGY.
56. (Previously Amended) The recombinant host cell of claim 44, wherein said additional enzyme is a secretory enzyme.
57. (Original) The recombinant host cell of claim 56, wherein said secretory enzyme is a *pul* or *out* gene product.
58. (Original) The recombinant host cell of claim 44, wherein said host cell is ethanologenic.
59. (Previously Amended) The recombinant host cell of claim 44, wherein said host cell is selected from the group comprising *E. coli* KO4 (ATCC 55123), *E. coli* KO11 (ATCC 55124), *E. coli* KO12 (ATCC 55125) and *E. coli* LY01 (ATCC 11303), and *K. oxytoca* P2 (ATCC 55307).
- 60-96. (Previously Cancelled)
97. (Previously Amended) A recombinant host cell suitable for degrading an oligosaccharide comprising:
a first heterologous polynucleotide segment encoding a first endoglucanase; and
a second heterologous polynucleotide segment encoding a second endoglucanase
wherein said cell is a bacterial cell and wherein said first endoglucanase is encoded by *celZ* and a second endoglucanase is encoded by *celY*, and wherein *celZ* and *celY* are derived from *Erwinia*.
98. (Previously Amended) A recombinant host cell suitable for reducing the viscosity of an oligosaccharide comprising:
a first heterologous polynucleotide segment encoding a first endoglucanase; and
a second heterologous polynucleotide segment encoding a second endoglucanase
wherein said cell is a bacterial cell, and wherein said first endoglucanase is encoded by *celZ* and a second endoglucanase is encoded by *celY*, and wherein *celZ* and *celY* are derived from *Erwinia*.

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99. (Original) The recombinant host cell of claim 97 or 98, wherein said first heterologous polynucleotide segment is under the transcriptional control of a surrogate promoter, and said second heterologous polynucleotide segment is under the transcriptional control of a surrogate promoter.

100. (Previously Cancelled)

101. (Previously Amended) The recombinant host cell of claim 97 or 98, wherein said bacterial cell is selected from the family Enterobacteriaceae.

102. (Original) The recombinant host cell of claim 101, wherein said bacterial cell is *Escherichia* or *Klebsiella*.

103. (Previously Cancelled)

104. (Previously Amended) The recombinant host cell of claim 97 or 98, wherein said first endoglucanase is EGZ and said second endoglucanase is EGY.

105. (Cancelled)

Claims 106-110 (Previously Cancelled).